

HAWAI'I STATE PLAN FOR A DATA DRIVEN SYSTEM OF CARE ON SUBSTANCE USE



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Friday, May 13, 2022, 11:00 AM HST



Agenda

1. Hawai'i State Plan on Substance Use
2. 2022 State Plan Statistical Report on Substance Use
3. 2022 Statistical Report Chapter 2: Substance Use
4. Discussion

[2022 Statistical Report Consultative Draft \(read only\)](#)

[Hawai'i Behavioral Health Dashboard](#)





Poll Question 1

Prior to this Webinar Series, had you ever heard of the Hawaii State Plan on Substance Use?





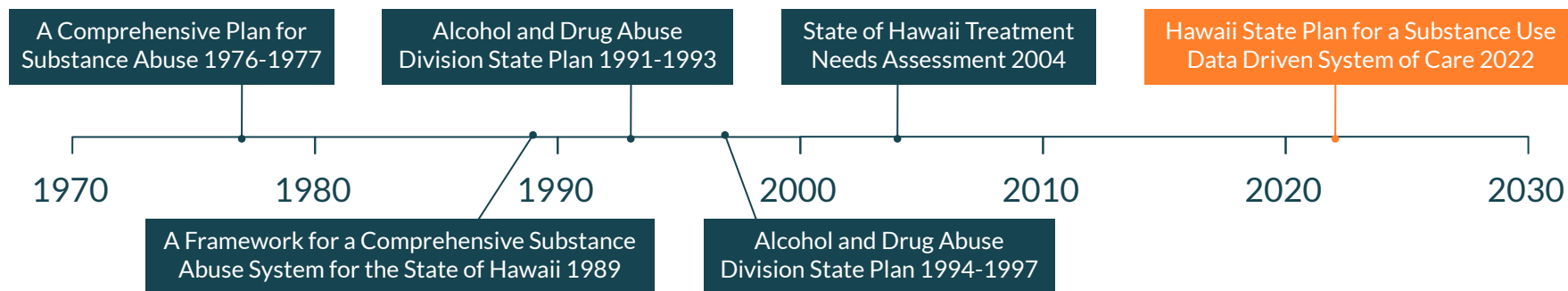
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Hawai'i State Plan on Substance Use Overview



What is the Hawai'i State Plan on Substance Use?

- Comprehensive statewide studies on substance use
 - Collects and compiles information on the current state of substance use
 - Outlines a plan to meet the treatment needs of the state

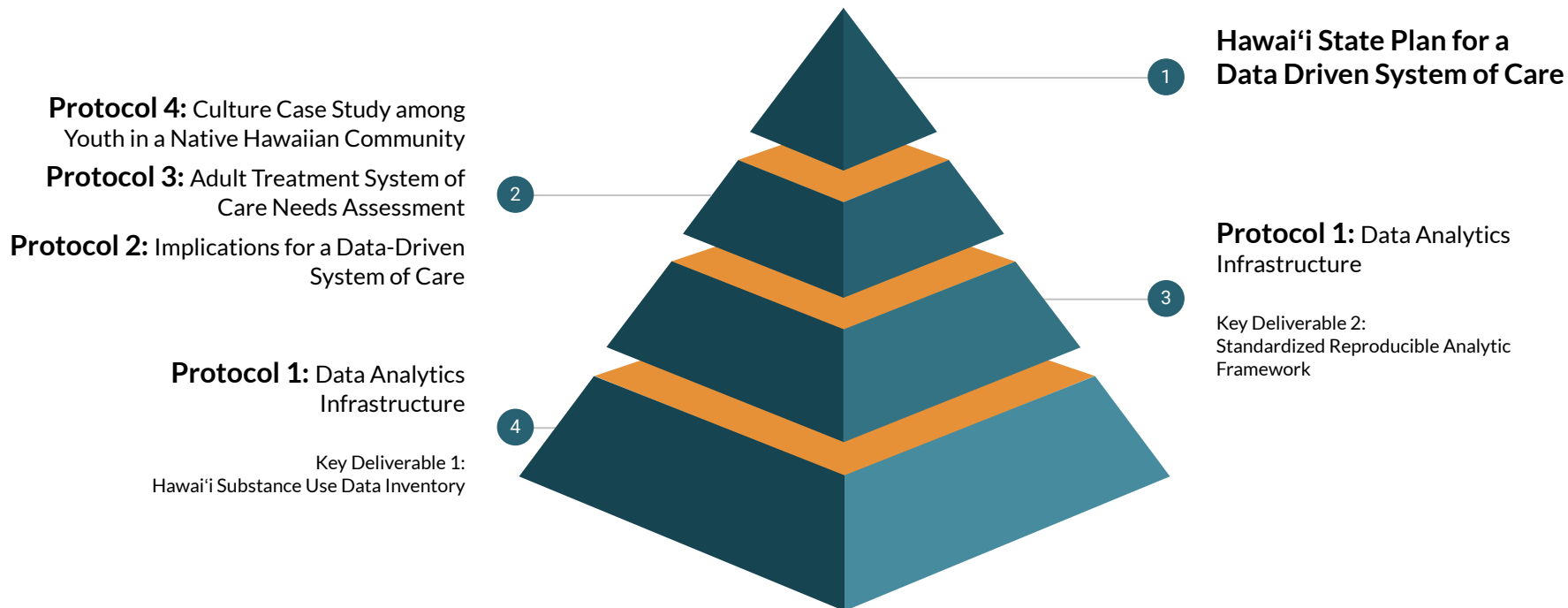


Why Do We Need the Hawai'i State Plan?

- Substance use affects everyone in our community
- To adequately assess the system of care needs
- Aligned with the State Planning Act codified in Hawai'i Revised Statutes Chapter 226 and 321
- Enhances ADAD's data-driven system of care
- Partnership between
 - Hawaii Department of Health (DOH) Alcohol and Drug Abuse Division (ADAD)
 - University of Hawai'i at Mānoa
 - Thompson School of Social Work and Public Health - Center on Aging (COA) Pacific Health Analytics Collaborative
 - John A. Burns School of Medicine (JABSOM) - Department of Psychiatry (DOP)



Protocol Synergy Pyramid



The report chapters correspond to specific intersecting sectoral focuses or community focuses

Substance Use

- Overall Landscape
- Treatment Access and Primary Care Integration

Sectoral Focus

- Mental Health
- Homelessness
- Criminal Justice
- Juvenile Justice
- Violence

Community Focus

- Native Hawaiian
- Rural
- Pregnant & Parenting Women
- Sexual & Gender Minorities



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2022 Statistical Report Overview



What is the 2022 Statistical Report?

- Part of Protocol 1 of the overall State Plan Project
 - State Plan requires a detailed information on the ways in which substance use impacts our society
 - Serves as the platform which leads to the next step: Implications for a System of Care
- Provides an overview of substance use and substance use treatment
- Key focus
 - Identifying the prevalence of substance use, the number of people receiving treatment and the number of people who need treatment but are not yet receiving it
- Utilizes a standardized analytic framework
 - Foundation for reproducible updates in the future
 - Needed in order to assist ADAD's plan to emphasize a data-driven system of care



Upcoming Webinars

Webinar Focus Topics	Dates
Chapter 4: Substance Use and Mental Health Chapter 5: Substance Use and Homelessness	05/20/2022
Chapter 6: Substance Use and Criminal Justice Chapter 7: Substance Use and Juvenile Justice	06/03/2022
Chapter 9: Substance Use and Native Hawaiian Communities Chapter 10: Substance Use and Rural Communities	06/17/2022
Chapter 8: Substance Use and Family Violence Chapter 12: Substance Use and Pregnant & Parenting Women	06/24/2022
Chapter 3: Substance Use Treatment and Primary Care Integration Chapter 11: Substance Use and Sexual & Gender Minorities	07/01/2022





Poll Question 2

What sectors do your services intersect with (check all that apply)?





Poll Question 3

What communities do you provide services for (check all that apply)?





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2022 Statistical Report

Chapter 2: Substance Use

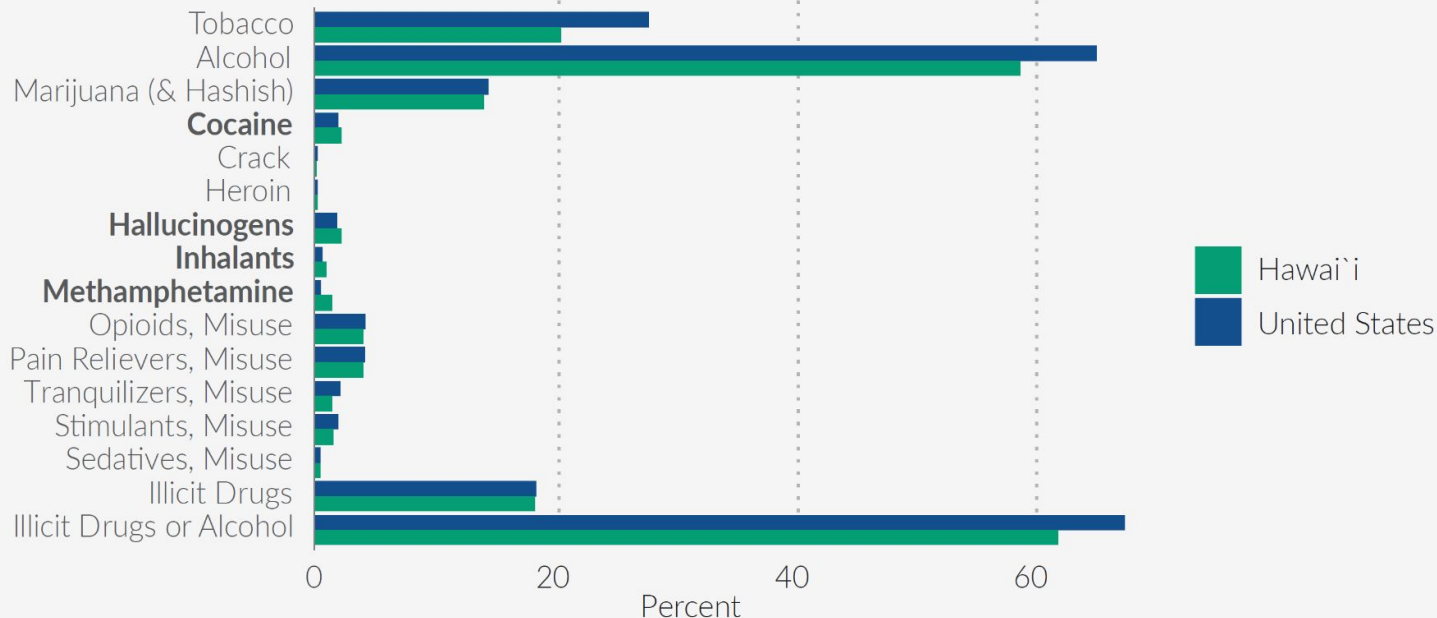


Outline, Chapter 2: Substance Use Overview

Subtopics	Datasets
Substance Use, Abuse and Dependence	<ul style="list-style-type: none">○ National Survey on Drug Use and Health (NSDUH)○ Behavioral Risk Factor Surveillance System (BRFSS)○ Youth Risk Behavior Survey (YRBS)
Emergency Visits and Hospitalizations	<ul style="list-style-type: none">○ Healthcare Cost and Utilization Project (HCUP)<ul style="list-style-type: none">■ State Emergency Department Database (SEDD)■ State Inpatient Database (SID)
Mortality	<ul style="list-style-type: none">○ National Vital Statistics System (NVSS)○ Fatality Analysis Reporting System (FARS)
Crime and Violence	<ul style="list-style-type: none">○ Crime in Hawai'i - Uniform Crime Reports○ National Incident Based Reporting System (NIBRS)

Substance Use, Abuse, and Dependence

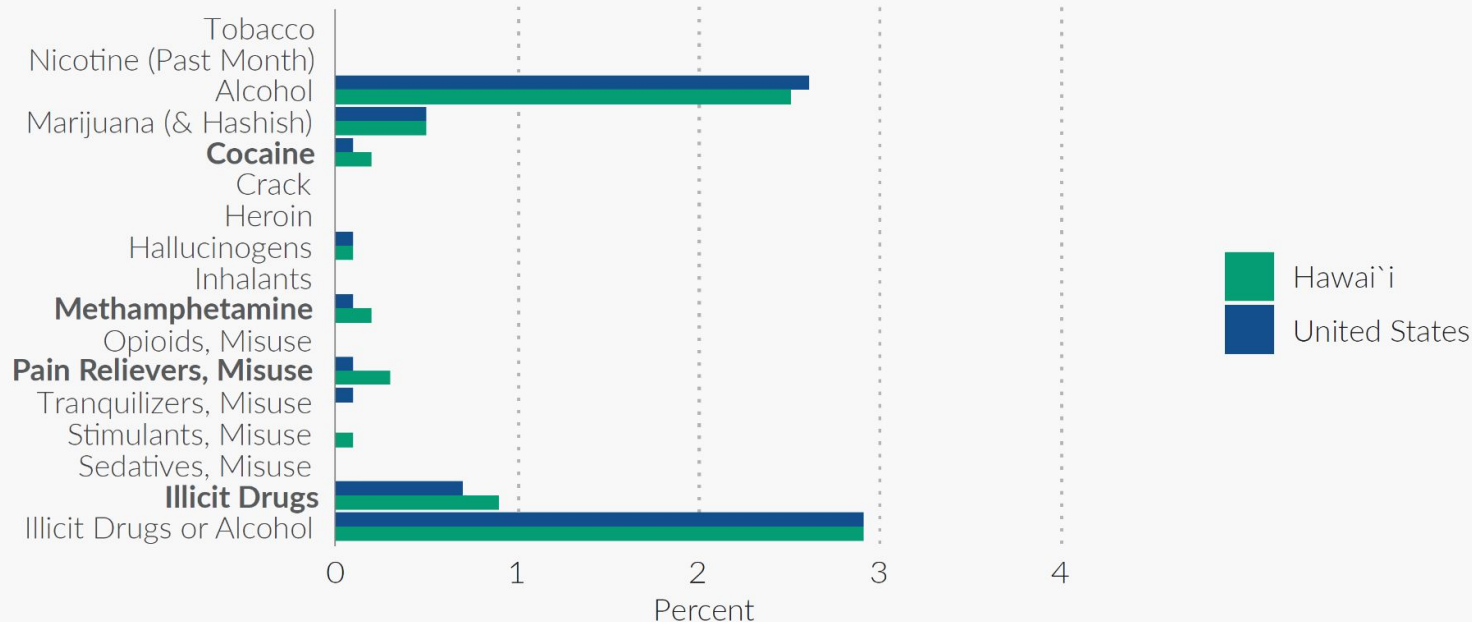
Substance Use in the Past Year in the State of Hawai'i and the United States, 2015 - 2018 Annual Averages



SOURCE: National Survey on Drug Use and Health (NSDUH): 4-Year Restricted-use Data Analysis System (RDAS) (2015 to 2018).

Substance Use, Abuse, and Dependence

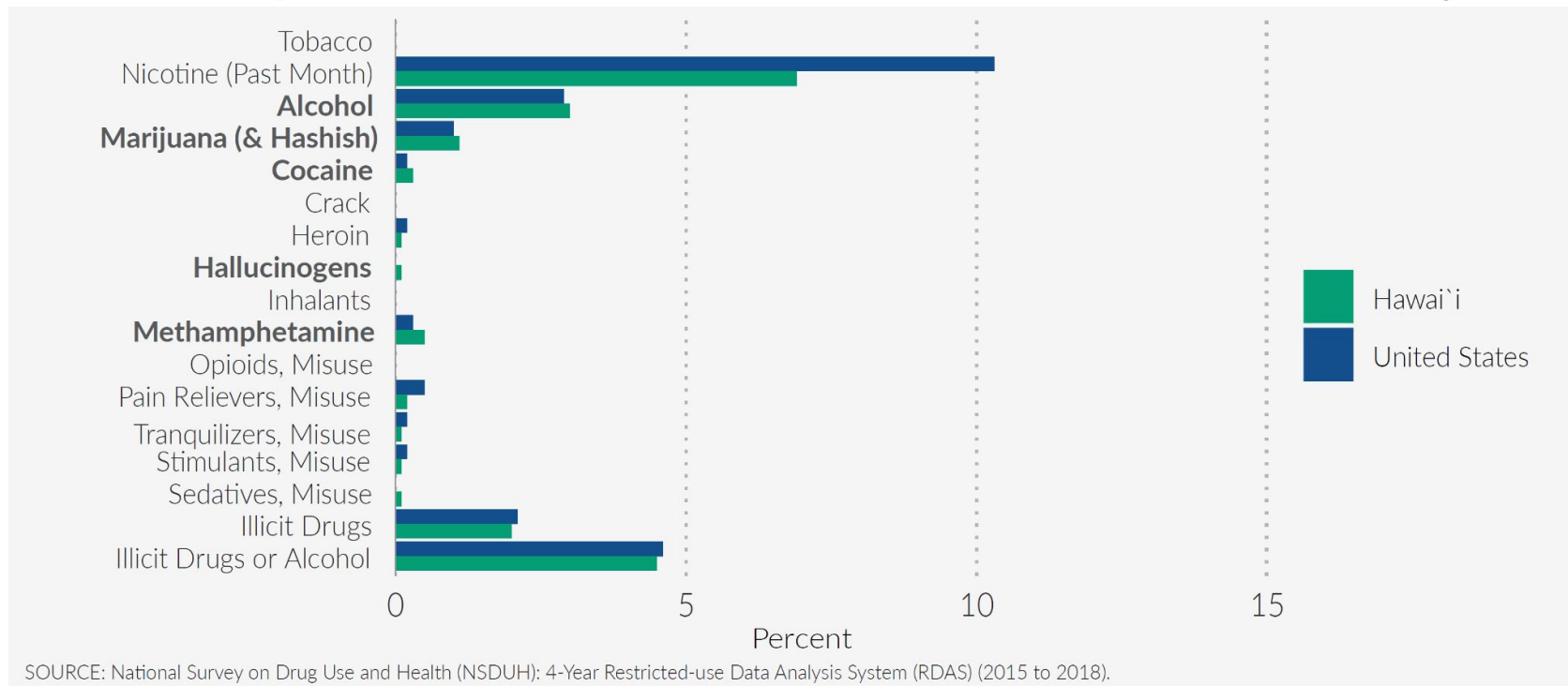
Substance Abuse in the Past Year in the State of Hawai'i and the United States, 2015 - 2018 Annual Averages



SOURCE: National Survey on Drug Use and Health (NSDUH); 4-Year Restricted-use Data Analysis System (RDAS) (2015 to 2018).

Substance Use, Abuse, and Dependence

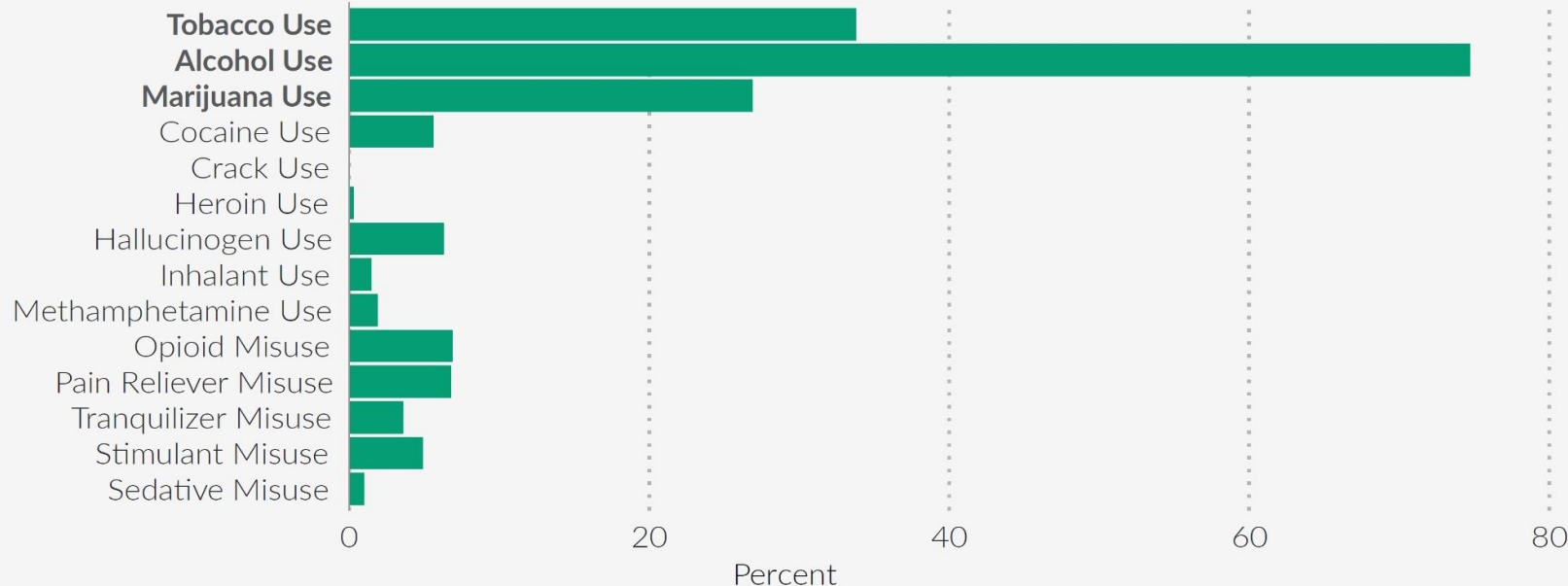
Substance Dependence in the Past Year in the State of Hawai'i and the United States, 2015 - 2018 Annual Averages



SOURCE: National Survey on Drug Use and Health (NSDUH); 4-Year Restricted-use Data Analysis System (RDAS) (2015 to 2018).

Substance Use, Abuse, and Dependence

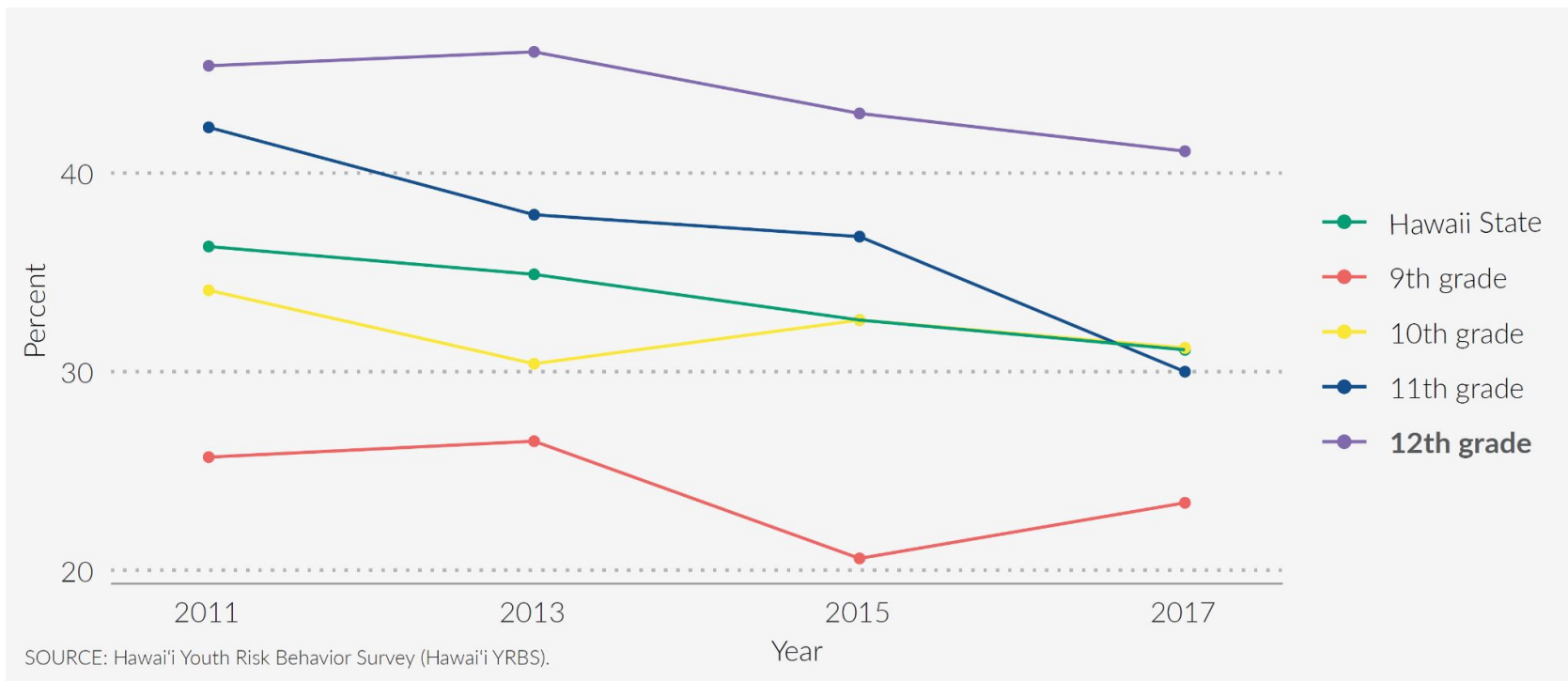
Substance Use in the Past Year Among Emerging Adults Aged 18-25 in the State of Hawai'i, 2015 - 2018 Annual Averages



SOURCE: National Survey on Drug Use and Health (NSDUH); 4-Year Restricted-use Data Analysis System (RDAS) (2015 to 2018).

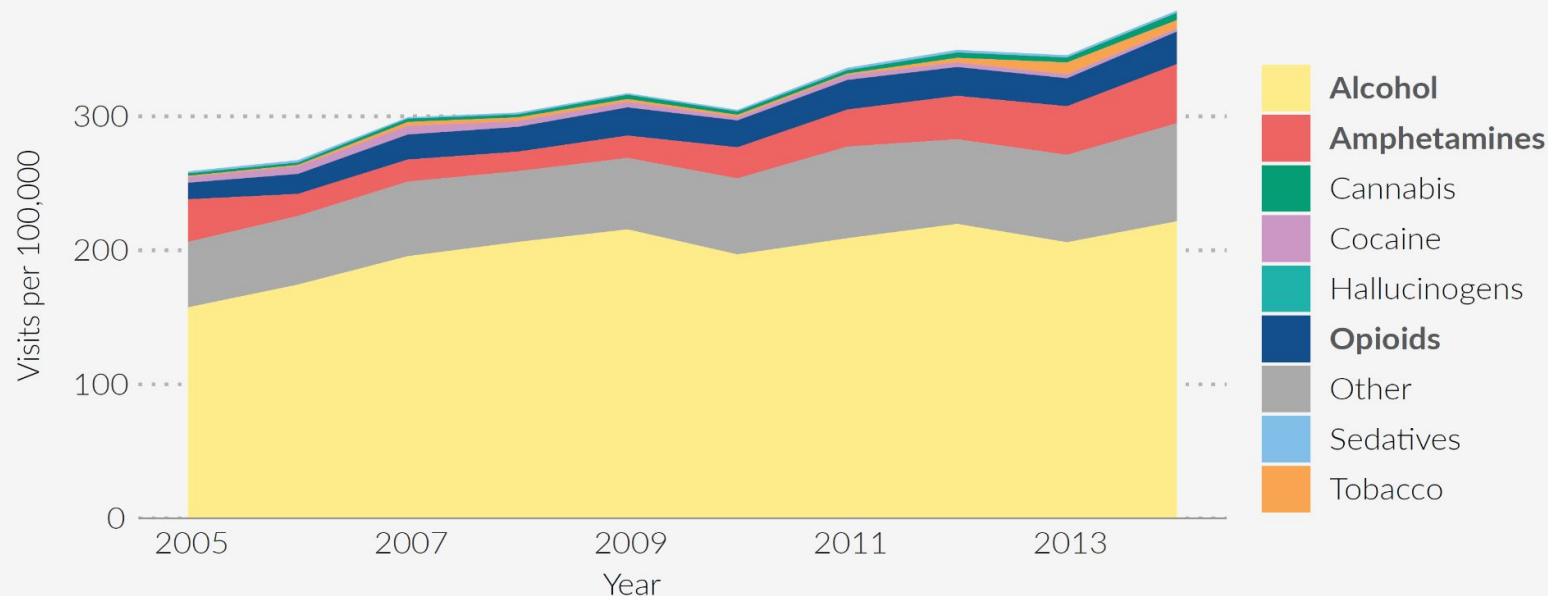
Substance Use, Abuse, and Dependence

Ever Used Marijuana Among Public High School Students in the State of Hawai'i by Grade, 2011 - 2017



Emergency Visits and Hospitalizations

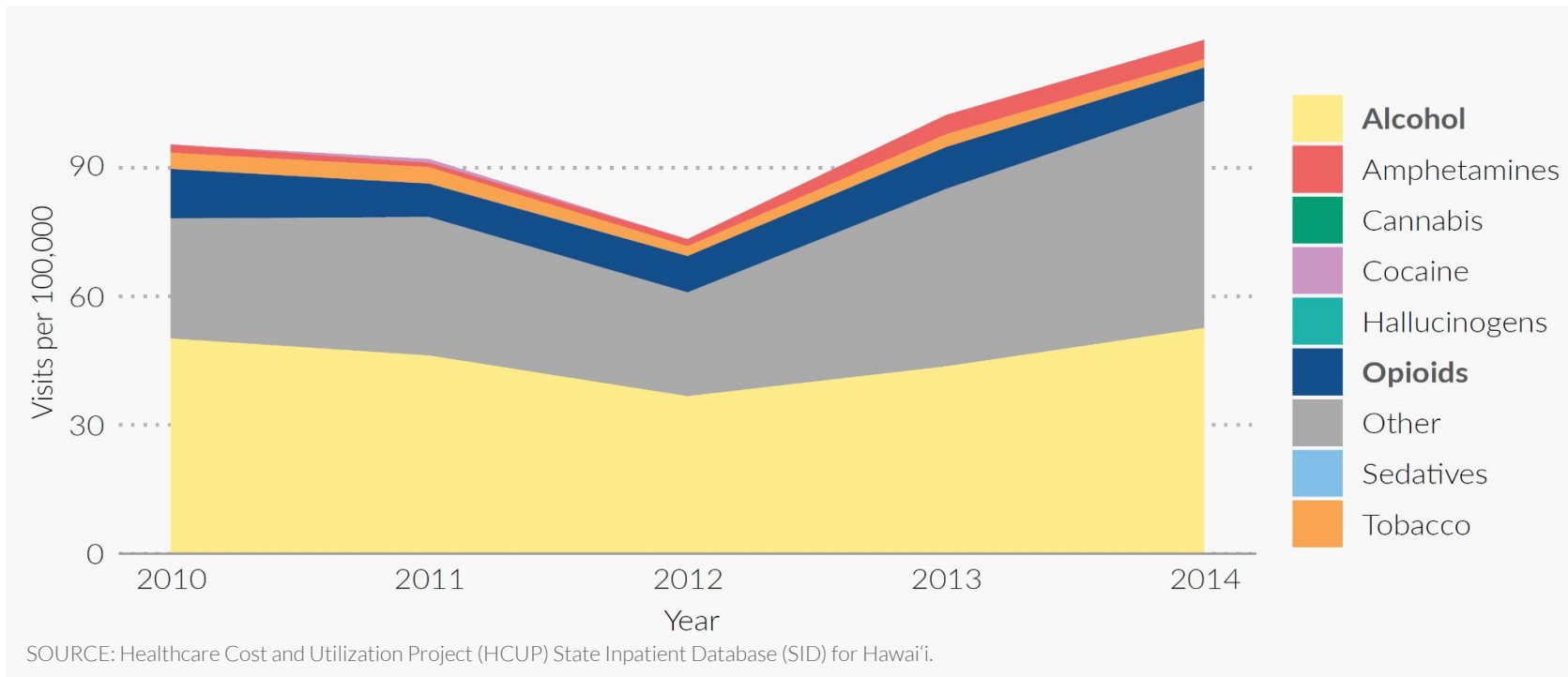
Emergency Department Visits Per 100,000 Residents by Substance in the State of Hawai'i, 2005 - 2014



SOURCE: Healthcare Cost and Utilization Project (HCUP) State Emergency Department Database (SEDD) for Hawai'i.

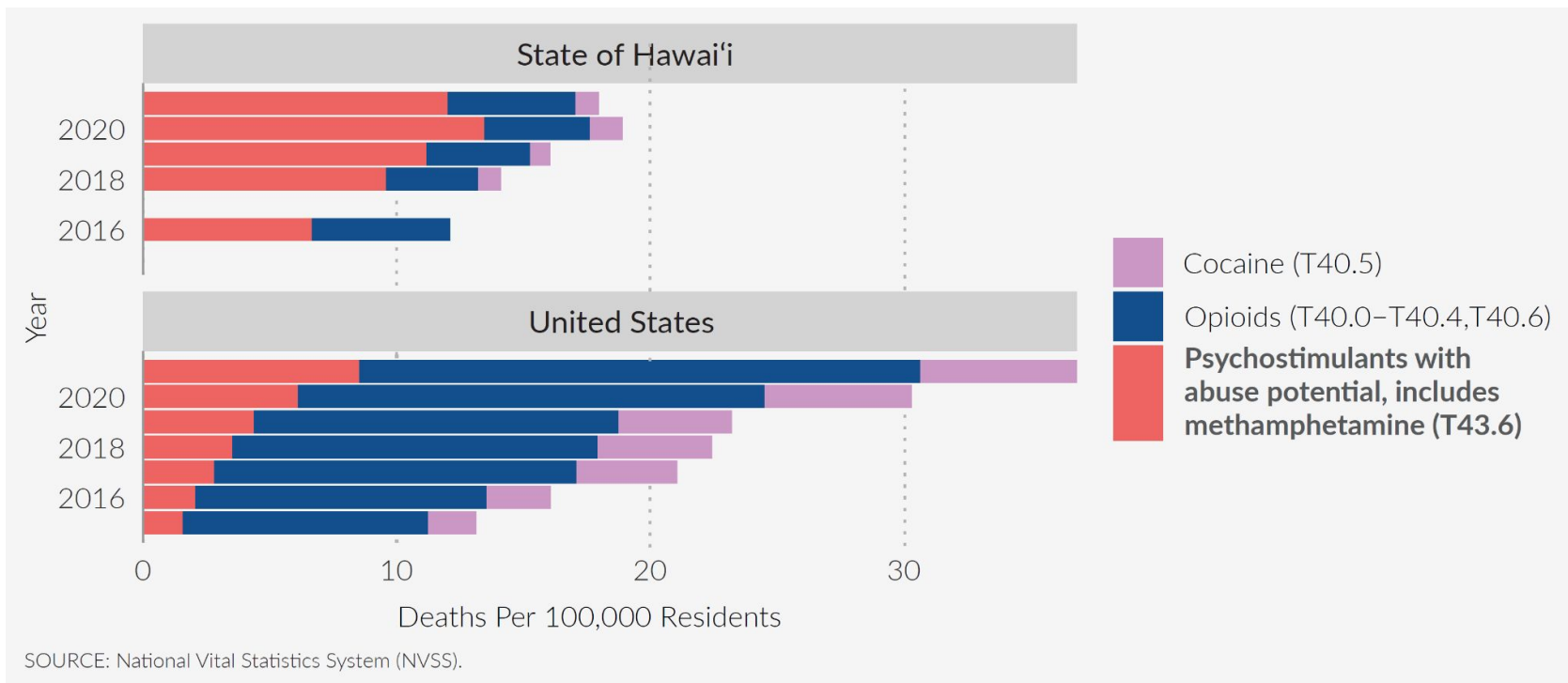
Emergency Visits and Hospitalizations

Inpatient Visits Per 100,000 Residents by Substance in the State of Hawai'i, 2010 - 2014



Mortality

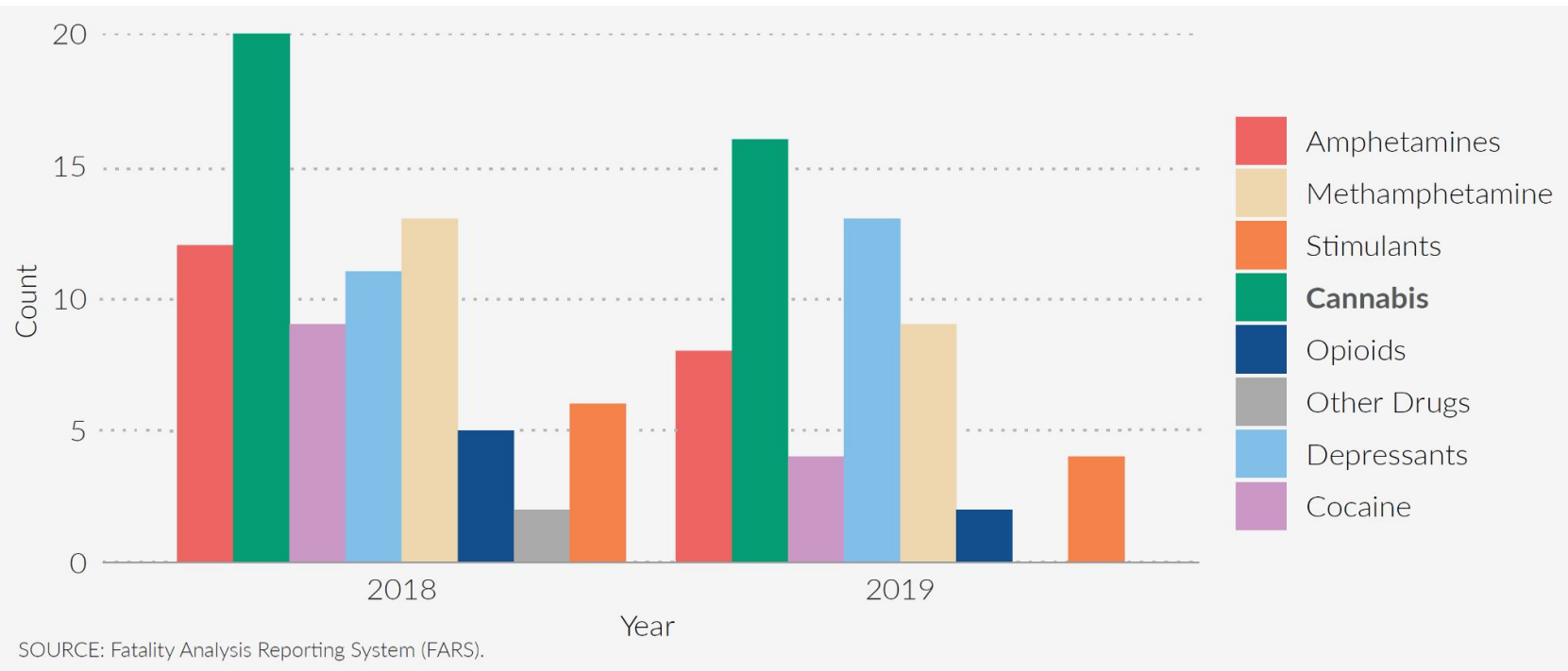
Overdose Deaths Per 100,000 Residents by Substance in the State of Hawai'i and the United States, 2015 - 2021



SOURCE: National Vital Statistics System (NVSS).

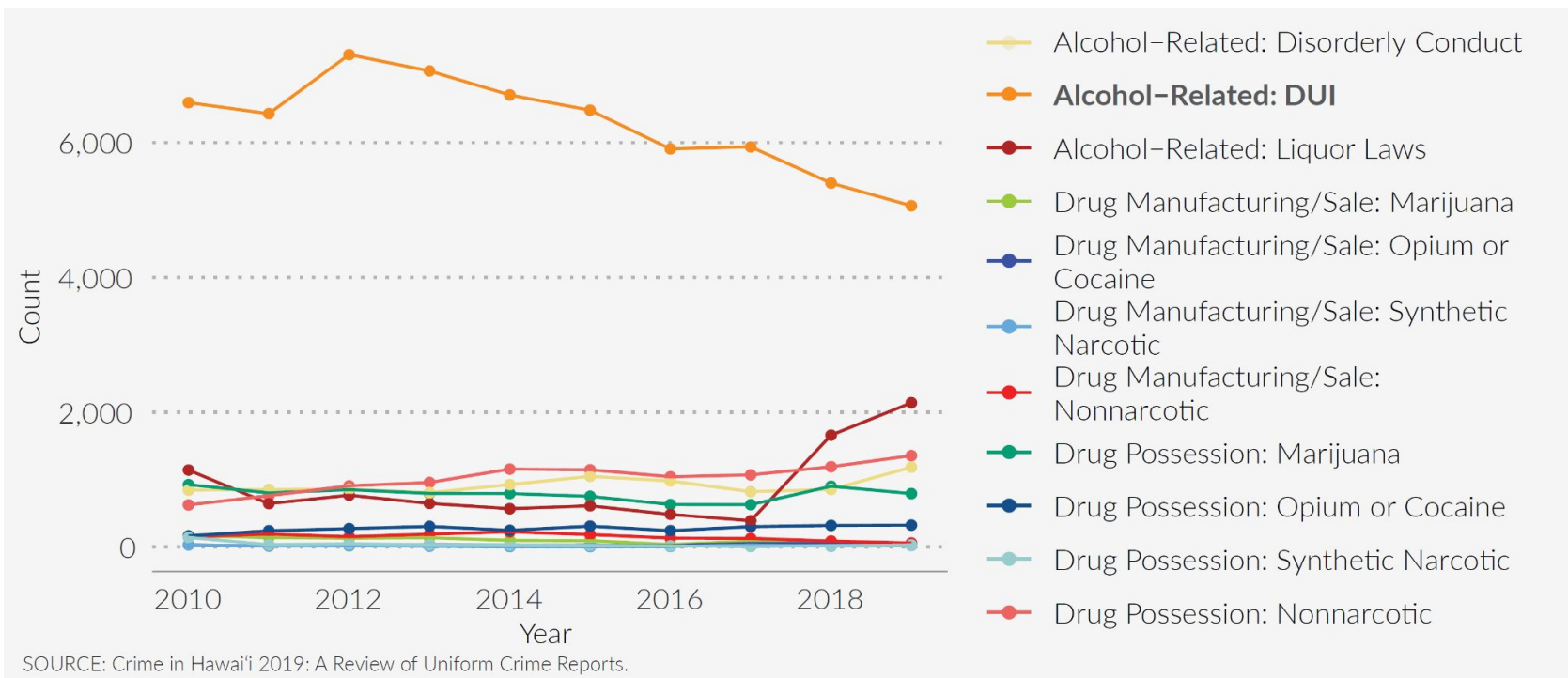
Mortality

Drug Toxicology Results of Drivers Involved in Fatal Crashes in the State of Hawai'i, 2018 - 2019



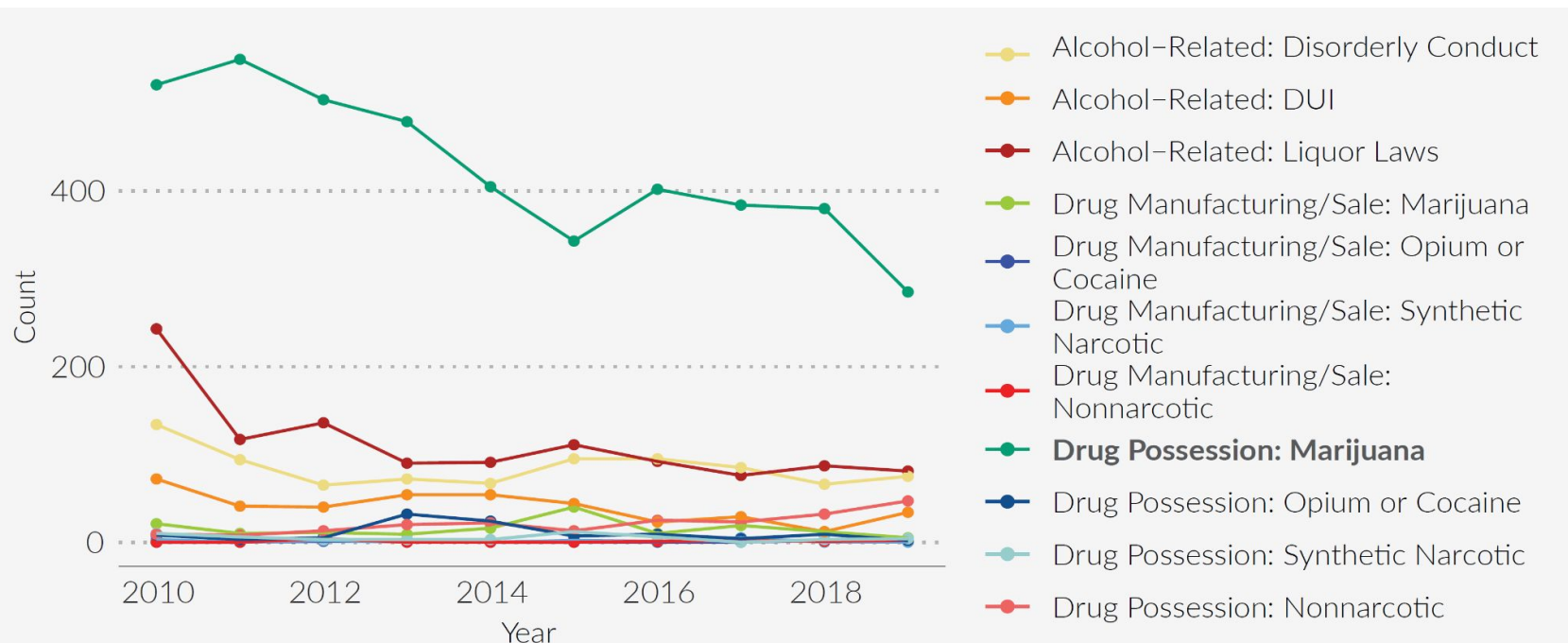
Crime and Violence

Adult Arrests for Substance-Related Part II Offenses in the State of Hawai'i, 2010 - 2019



Crime and Violence

Juvenile Arrests for Substance-Related Part II Offenses in the State of Hawai'i, 2010 - 2019



SOURCE: Crime in Hawai'i 2019: A Review of Uniform Crime Reports.



Discussion





Discussion Question 1

Will the information in the statistical report help inform any changes in your current services/programs?





Discussion Question 2

Does the summary data reflect or differ from what you have experienced while providing services?





Discussion Question 3

Has the COVID-19 pandemic brought any changes in the use of substances in the state?





Discussion Question 4

What are some trends you see that might be important to consider for future data collection?





Discussion Question 5

How do you think this will affect the current system of care for substance use?



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For more information, checkout the 2022 Statistical Report Consultative Draft!

Link to the Statistical Report: <http://go.hawaii.edu/xxo> (read only)

Password: [PHAC]<2022>{UHManoa}





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Post Webinar Survey





Mahalo!

Please join us at the next webinar!



Use, Abuse, and Dependence

Use: refers to any use of the substance

Misuse of prescription drugs (NSDUH): use in any way not directed by a doctor, including use without a prescription of one's own medication; use in greater amounts, more often, or longer than told to take a drug; or use in any other way not directed by a doctor

Abuse and Dependence (NSDUH)

- Abuse and dependence variables are mutually exclusive with dependence taking precedence
- Abuse:
 - Based on the DSM-IV
 - Respondent must be a past year user of the substance
 - Defined for alcohol, marijuana, cocaine, heroin, hallucinogens, inhalants, methamphetamine, pain relievers, tranquilizers, stimulants, or sedatives if the respondent reported a positive response to one or more of four abuse criteria and was determined not to be dependent upon the substance of interest
- Dependence:
 - Nicotine
 - Based on the Nicotine Dependence Syndrome Scale (NDSS) or the Fagerstrom Test of Nicotine Dependence (FTND)
 - Respondent must be a past month user
 - Defined if the respondent met either the NDSS or FTND criteria for dependence
 - Other substances
 - Based on the DSM-IV
 - Respondent must be a past year user of the substance
 - Dependence for marijuana, inhalants, hallucinogens, or tranquilizers was defined if the respondent reported a positive response to three or more of six dependence criteria
 - Dependence for alcohol, pain relievers, cocaine, heroin, sedatives, stimulants, and methamphetamine is defined if the respondent reported a positive response to three or more of seven dependence criteria

[2018 National Survey on Drug Use and Health: Final Analytic File Codebook](#)

